

Luis Bernal González, Professor of the Department of Mathematical Analysis, University of Seville
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Dr. Bernal is currently a Full Professor in the Faculty of Mathematics at the University of Seville where he has been working without interruption since 1980. Prior to that, from 1980 to 1984, he served as an assistant teacher of practical classes. In 1984, he completed his PhD at the University of Seville, working under the direction of Professor Antonio de Castro Brzezicki. Upon the defense of his doctoral dissertation, Dr Bernal was hired as an Adjunct Professor, working in this position until 1987 when he became an Associate Professor. He was promoted to Full Professor in 2010.

His research focuses on complex analysis, real and functional analysis, and operator theory. More specifically, he is interested in the study of linear operators supporting dense orbits (hypercyclicity) as well as in the modern theory of lineability, which is essentially the search for linear and algebraic structures inside non necessarily linear subsets of a topological vector space. Two remarkable contributions of Dr Bernal include:

- the solution to the long-standing problem of Rolewicz (1969) about the existence of hypercyclic linear operators on any infinite dimensional separable Banach space, and,
- in a coauthored paper, the solution to a question posed by Gurariy (2003) about the existence of 2-dimensional spaces of continuous real functions on the real line attaining their maximum at exactly one point.

Dr. Bernal is an active member of the Instituto de Matemáticas Antonio de Castro Brzezicki at the University of Seville, has published a large number of research mathematical papers – having nearly 1500 citations according Mathscinet, and has given many talks and lectures to a great variety of scientific seminars, workshops, congresses and conferences.